

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,645,343 B2  
APPLICATION NO. : 10/559894  
DATED : January 12, 2010  
INVENTOR(S) : Gary W. Ferrell et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 15, Claim 8, the equation should read:

$$\Delta\rho(n') = |\rho_{\text{cav}}(n') - \rho_{\text{cav}}(\text{ref})|$$

Column 15, Claim 8, cavitation density should read:

$$\rho_{\text{cav}}(n')$$

Column 16, Claim 8, equation for the statistical average should read:

$$D\{\Delta\rho(nl), \dots, \Delta\rho(N')\}$$

Signed and Sealed this  
First Day of November, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D".

David J. Kappos  
*Director of the United States Patent and Trademark Office*